Marantec
Antriebstechnik

Energy Pack 100

1-year Limited Parts Warranty

Follow the installation instructions for the garage door operator and Energy Pack 100.
Make sure all safety requirements are followed per instruction manuals.

Al realizar el montaje es estrictamente necesario tener en cuenta las instrucciones del operador.
¡Hay que observar especialmente las indicaciones de seguridad!

Lors du montage, il faut absolument tenir compte des instructions concernant l'opérateur.
Il est particulièrement important de respecter les consignes de sécurité!

⚠ WARNING ⚠

IMPORTANT INSTALLATION INSTRUCTIONS TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:

1. **READ AND FOLLOW ALL WARNINGS AND INSTALLATION INSTRUCTIONS.**
2. Use only the following **Model WP1.2-12 (Sealed cell, lead acid batteries with pressure release vents) and battery(ies) size 12V 1.2Ah**.
3. Do not dispose of the battery(ies) in fire. The cells may explode. Check with local codes for possible disposal instructions. Note: not applicable for battery(ies) not intended to be replaced.
4. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
5. Exercise care in handling battery in order not to short the battery with conducting materials such as rings, bracelets, and keys.
6. Change the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
7. Observe proper polarity orientation between the battery(ies) and changing circuit.
8. Do not mix battery(ies) of different sizes or from different manufacturers in this product
9. A battery-operated product employing a secondary supply intended to be charged within the product shall contain specific instructions concerning the proper method of charging.

⚠ WARNING ⚠

Contact Marantec America for battery(ies) replacements at 1-888-622-2489.
Batteries must be replaced with Part no. 90935
Model WP1.2-12 (Sealed cell, lead acid batteries with pressure release vents) and battery(ies) size 12V 1.2Ah

⚠ WARNING ⚠

- ***Batteries should be replaced every 1-2 years with normal use, under normal operating conditions.***
- ***To obtain maximum battery life and to prevent damage, disconnect the battery when the garage door operator is unplugged for an extended period of time.***

⚠ WARNING ⚠

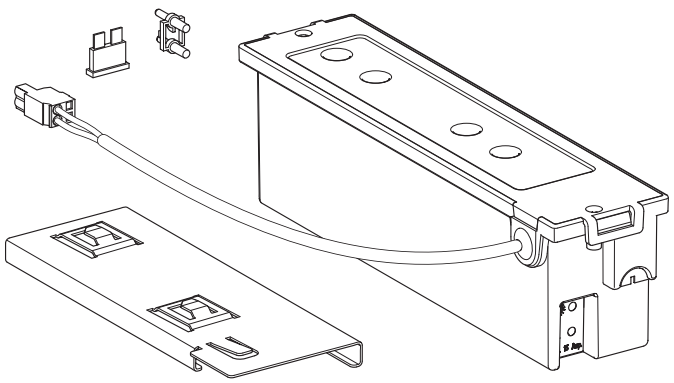
- ***For continued protection against fire, replace FUSE only with Type Littlefuse Blade Fuse Series 257 rated 15 Amps, 32VDC***

⚠ WARNING ⚠

To reduce the risk of FIRE or INJURY:

- *Disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.*
- *Use ONLY Marantec Part no. 90935 replacement battery.*
- *DO NOT dispose of battery in fire. Battery may explode. Check with local codes for disposal instrutions.*
- *ALWAYS wear protective gloves and eye protection when changing the battery or working around the battery compartment.*

1.



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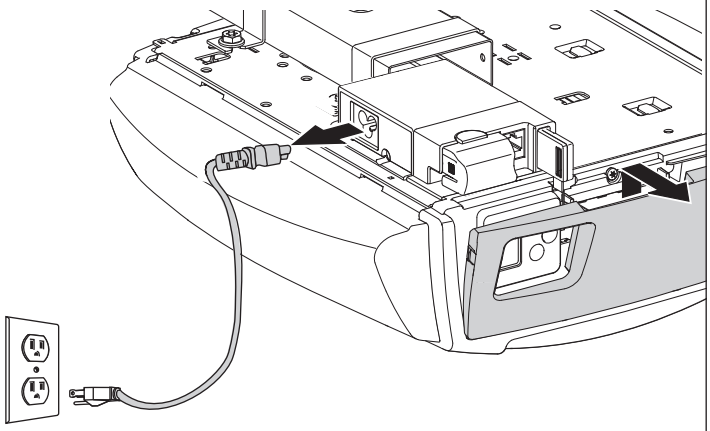

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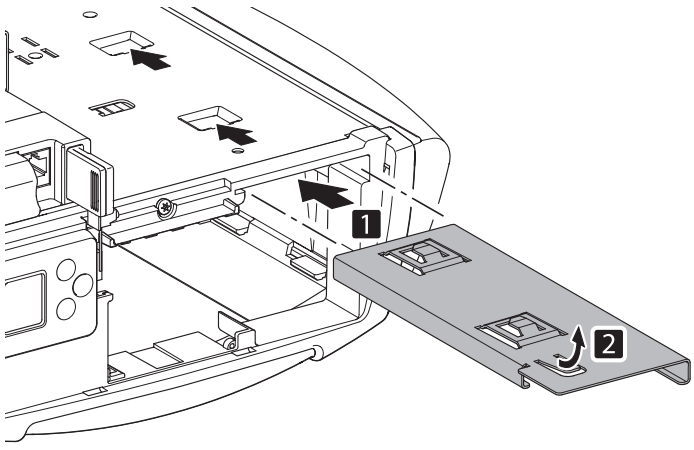

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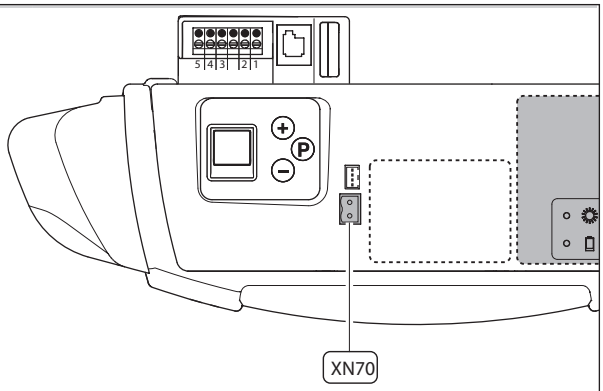

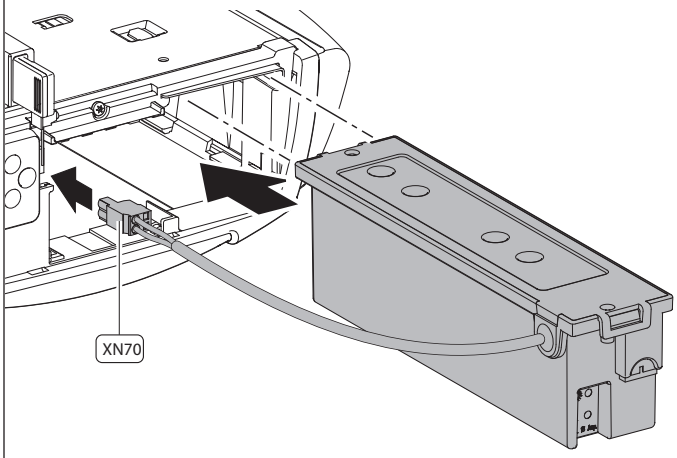

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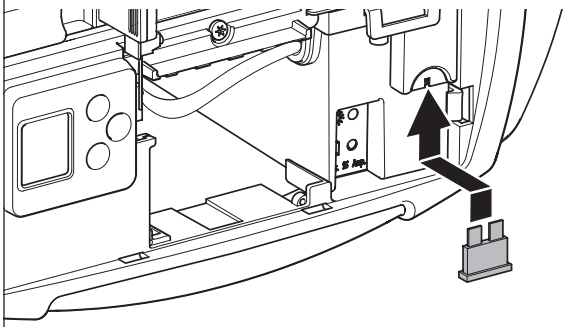

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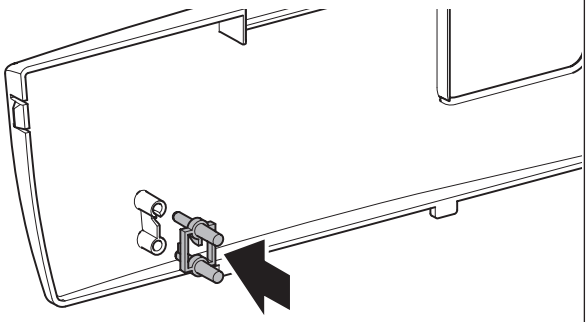

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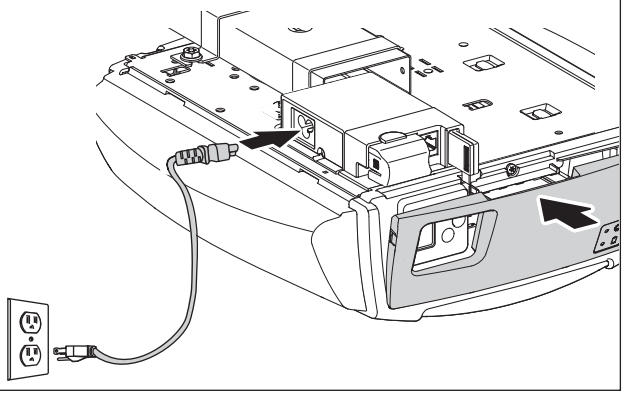


8.

IMPORTANT:

Battery Normal Charge Condition

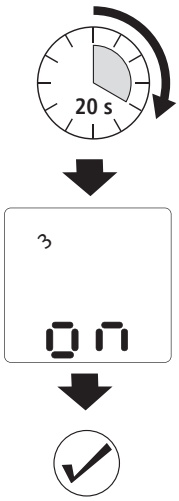
Upon connecting the new BBU Energy Pack 100 to the operator and connecting the operator to main power source as shown in Step 7. After 20 seconds the system will automatically recognize the connection and display a screen as shown in figure "A".

IMPORTANT:

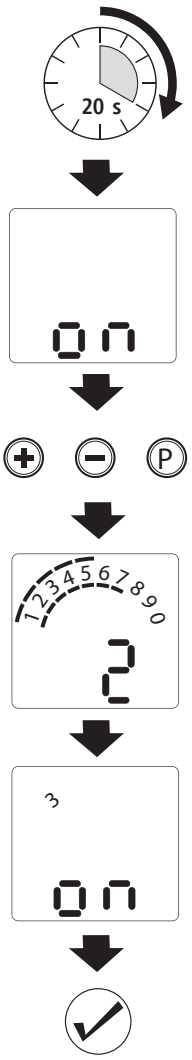
Battery Low Charge Condition

In the event the operator does not recognize the connection, the steps in figure "B" must be performed to bring the BBU, Energy Pack 100, on-line with operator.

A



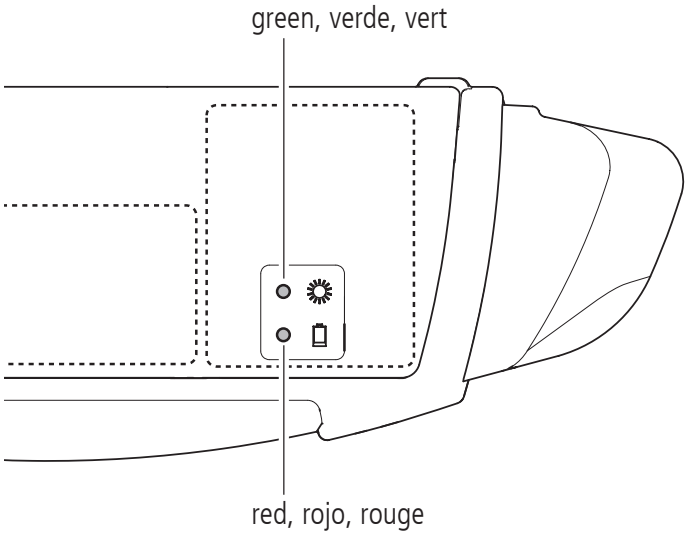
B



Instructions for figure "B"

1. Press and hold Ⓟ button for 10 seconds.
2. Press and release ⊕ button until the dashes above the numbers cover 1-5
3. Press and release the Ⓟ button once.
4. Press and release the ⊕ button until the dashes underscore 1-7.
5. Press and release Ⓟ button once.
6. Press and release ⊕ button – Number 2 is blinking
7. Press and release Ⓟ button once.
8. Press and hold Ⓟ button until the word **"on"** is being displayed – Number 3 on the screen indicates that the BBU has been activated.

9.



10.

- **Battery Charging**
  Note: New installation or after an electrical power outage requires 24 hours to fully charge
  green, verde, vert
- **All Systems are Normal Fully Charged**
  green, verde, vert
- **Battery is Low**
  red, rojo, rouge
- **Replace batteries if blinking red LED persists 24hrs after power is restored.**

IMPORTANT:

The battery charges when the garage door operator is plugged into a working electrical outlet (it has power). Required charging time for a new installation or after an electrical power outage is 24 hours.

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